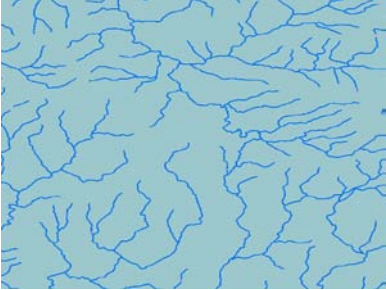

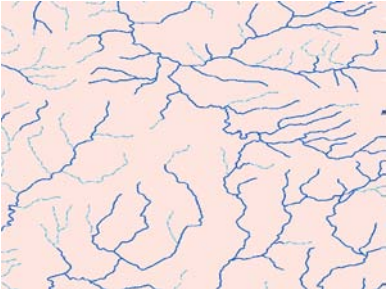
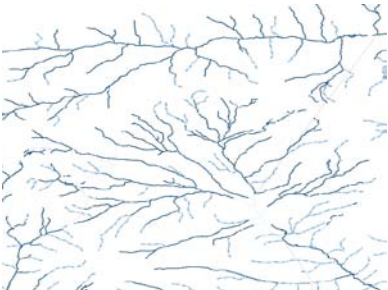




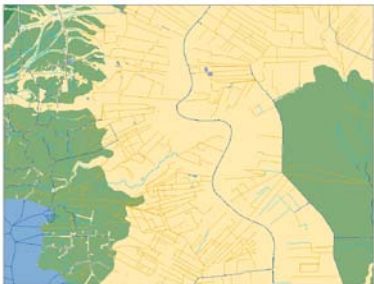
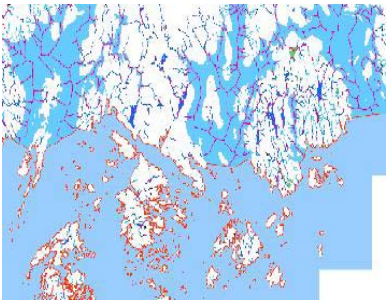
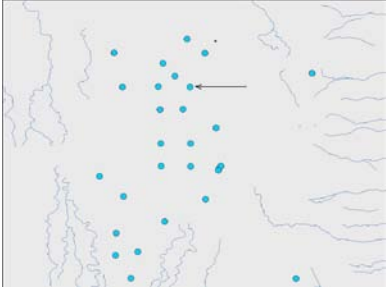
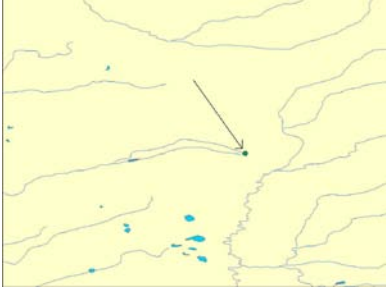



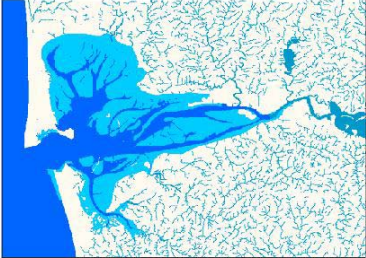

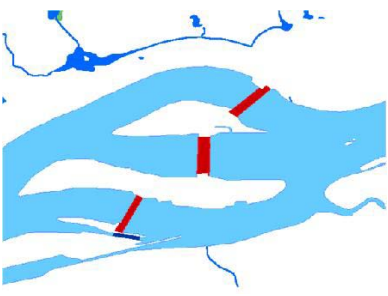





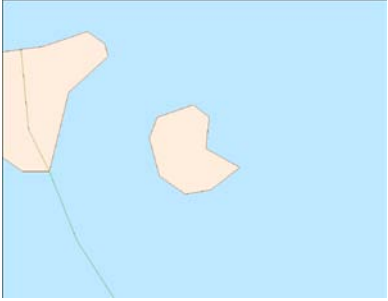


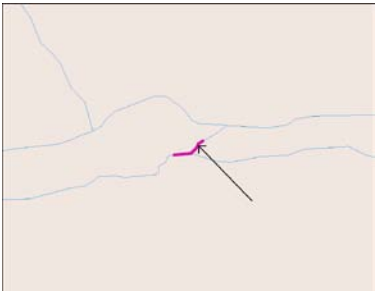

Examples Scroll over thumbnail for examples	Feature Type Click on feature type for link to the NHD feature templates.	Feature Definition NHD Feature Class Click on NHD Feature Class for the geodatabase fields.	FCodes Click on FCode
	StreamRiver	A body of flowing water. NHDFlowline	46000
	Perennial Stream	Contains water throughout the year, except for infrequent periods of severe drought. NHDFlowline	46006
	Intermittent Stream	Contains water for only part of the year, but more than just after rainstorms and at snowmelt. NHDFlowline	46003
	Ephemeral Steam	Contains water only during or after a local rainstorm or heavy snowmelt. NHDFlowline	46007

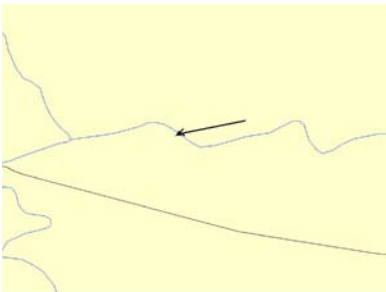

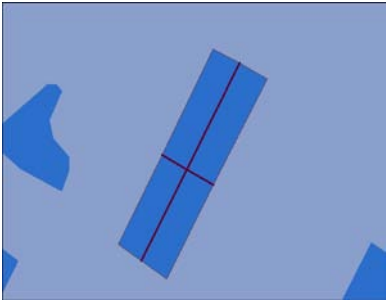
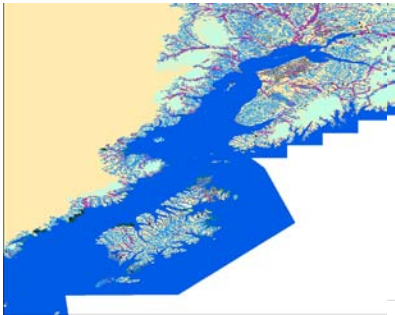

	Stream/River (Area)	A body of flowing water. NHDArea	46000 46003 46006 46007
	Lake/Pond	A standing body of water with a predominantly natural shoreline surrounded by land. NHDWaterbody.	39000 39004 39009 39010 39011 39012 39001 39005 39006
	Artificial Path	An abstraction to facilitate hydrologic modeling through open water bodies to act as a surrogate for lakes and other water bodies. NHDFlowline	55800
	Swamp/Marsh	A noncultivated, vegetated area that is inundated or saturated for a significant part of the year. The vegetation is adapted for life in saturated soil conditions. NHDWaterbody	46600 46001 46002
	Canal/Ditch	An artificial open waterway constructed to transport water, to irrigate or drain land, to connect two or more bodies of water, or to serve as a waterway for watercraft. NHDFlowline and NHDArea.	33600 33601 33603



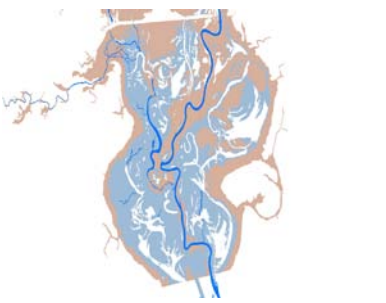


	<p>Coastline</p>	<p>A line of contact between the open sea and the land, including imaginary lines separating inland water bodies from the open sea.</p> <p>NHDFlowline</p>	<p>56600</p>
	<p>Well</p>	<p>A pit or hole dug or bored into the earth for the extraction of oil, water, other fluids, or gases.</p> <p>NHDPPoint.</p>	<p>48800</p>
	<p>Spring/Seep</p>	<p>A place where water issues from the ground naturally.</p> <p>NHDPPoint</p>	<p>45800</p>
	<p>Connector</p>	<p>A known, but nonspecific, connection between two nonadjacent network segments.</p> <p>NHDFlowline</p>	<p>33400</p>
	<p>Non Earthen Shore</p>	<p>A structure built of stone, brick, concrete, or other building materials that borders a body of water.</p> <p>NHDLLine</p>	<p>41100</p>


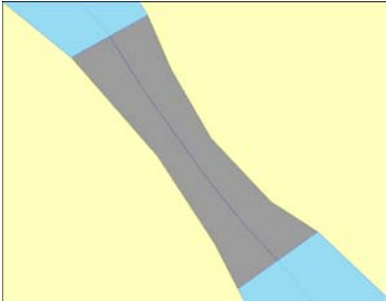
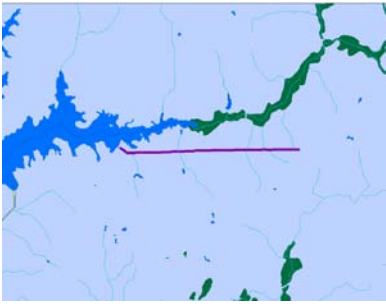
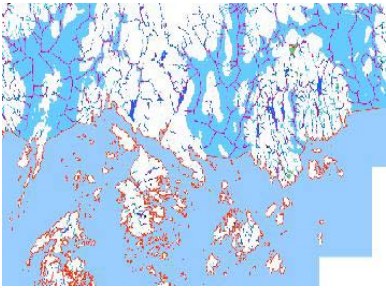
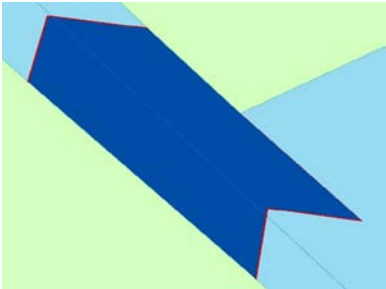
	Sounding Datum Line	<p>A line representing the tidal datum to which bathymetric contours are referenced.</p> <p>NHDL<i>ine</i></p>	50300 50301 50302
	Foreshore	<p>The part of the seashore between high-water and low-water marks.</p> <p>NHDA<i>rea</i></p>	36400
	Reservoir	<p>A constructed basin formed to contain water or other liquids.</p> <p>NHDP<i>oint</i> and NHDW<i>aterbody</i>.</p>	43600 43618 43619 43601 43003 46004 46005 46006 43625 43626 46007 43623 46008 46009 46010 43611 43612 43624 43613 43614 43615 43617 43621




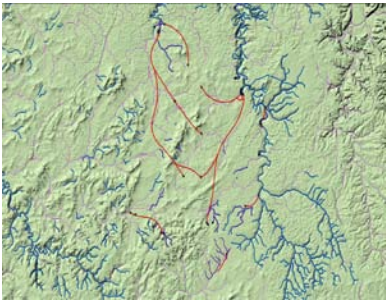

	<p>Dam/Weir</p>	<p>A barrier constructed to control the flow or raise the level of water.</p> <p>NHDL^{ine} and NHDA^{rea}</p>	<p>34300 34305 34306</p>
	<p>Ice Mass</p>	<p>A field of ice, formed in regions of perennial frost.</p> <p>NHDW^{aterbody}</p>	<p>37800</p>
	<p>Wash</p>	<p>The usually dry portion of a stream bed that contains water only during or after a local rainstorm or heavy snowmelt.</p> <p>NHDA^{rea}.</p>	<p>48400</p>
	<p>Rock</p>	<p>A concreted mass of stony material.</p> <p>NHDP^{oint}</p>	<p>44100 44101 44102</p>

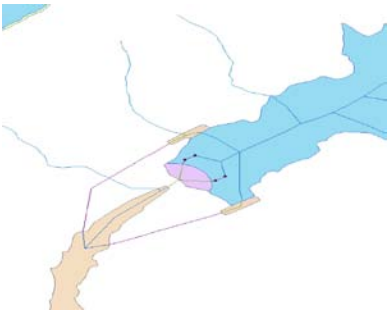
	<p>Playa</p>	<p>The flat area at the lowest part of an undrained desert basin, generally devoid of vegetation.</p> <p>NHDWaterbody.</p>	<p>36100</p>
	<p>Inundation Area</p>	<p>An area of land subject to flooding.</p> <p>NHDArea.</p>	<p>40300 40307 40308 40309</p>
	<p>Reef</p>	<p>A chain of rocks or coral at or near the surface of the water.</p> <p>NHDLine</p>	<p>43400</p>
	<p>Flume</p>	<p>An open, inclined, artificial channel constructed of wood, metal, or concrete; generally elevated.</p> <p>NHDLine and NHDArea</p>	<p>36200</p>
	<p>Rapids</p>	<p>An area of swift current in a stream or river, characterized by standing waves or by boulders and rocks.</p> <p>NHDPoint, NHDArea, and NHDLine</p>	<p>43100</p>

	Gaging Station	<p>A structure used to measure the characteristics of a hydrographic feature</p> <p>NHDP^{oint}</p>	36700
	Tunnel	<p>An underground or underwater passage.</p> <p>NHDL^{ine}</p>	47800
	Wall	<p>An upright structure of masonry, wood, plaster, or other building material serving to enclose, divide, or protect an area.</p> <p>NHDL^{ine}</p>	48300
	Sea/Ocean	<p>The great body of salt water that covers much of the earth.</p> <p>NHDA^{rea}</p>	44500
	Area of Complex Channels	<p>An area where a stream or river flows in an intricate network of interlacing channels.</p> <p>NHDA^{rea}</p>	53700

	Gate	<p>A structure that may be swung, drawn, or lowered to block an entrance or passageway.</p> <p>NHDP^{oint} and NHDL^{ine}</p>	36900
	Hazard Zone	<p>An area identified as a danger to maritime navigation.</p> <p>NHDA^{rea}</p>	37300
	Area to be Submerged	<p>The known extent of the intended lake that will be created behind a dam under construction.</p> <p>NHDA^{rea}</p>	30700
	Special Use Zone	<p>An area where distinctive types of maritime activities occur.</p> <p>NHDA^{rea}</p>	45400 45401 45002 45003 45004
	Submerged Stream	<p>An old river course inundated by an impounded water body.</p> <p>NHDA^{rea}.</p>	46100

	Waterfall	<p>A vertical or near vertical descent of water over a step or ledge in the bed of a river.</p> <p>NHDPoint and NHDLine</p>	48700
	Spillway	<p>A constructed passage for surplus water to run over or around a dam.</p> <p>NHDArea</p>	45500
	Pipeline	<p>A closed conduit, with pumps, valves and control devices, for conveying fluids, gases, or finely divided solids.</p> <p>NHDFlowline.</p>	42800
	Estuary	<p>The lower end of a river, or a semi enclosed coastal body of water with access to the open ocean, which is affected by the tides and where fresh and salt water mix.</p> <p>NHDWaterbody</p>	49300
	Lock Chamber	<p>An enclosure on a waterway used to raise and lower vessels as they pass from one level to another.</p> <p>NHDPoint, NHDArea, and NHDLine</p>	39800

	Bridge	<p>A structure spanning and providing passage over a waterway, railroad, or other obstacle.</p> <p>NHDL line and NHDA area.</p>	31800
	Bay/Inlet	<p>A water area that is an opening of the sea/ocean into the land, or of an estuary, lake, or river into its shore.</p> <p>NHDA area</p>	31200
	Special Use Zone Limit	<p>The limit of an area used for distinctive types of maritime activities.</p> <p>NHDL line</p>	53300 53301 53302
	Underground Conduit	<p>Subsurface drainage channels formed from the dissolution of soluble rocks in Karst terrain or in terrain similar to karst but formed in nonsoluble rocks, as by melting of permafrost or ground ice; collapse after mining, and by outflow of liquid lava from beneath its solidified crust.</p> <p>NHDL flowline</p>	42000 42001 42002 42003
	Sink/Rise	<p>The place at which a stream disappears underground or reappears at the surface in a karst area.</p> <p>NHDL point and NHDL line</p>	45000

	<p>Water Intake/Outflow</p>	<p>A structure through which water enters or exits a conduit.</p> <p>NHDPoint and NHDArea</p>	<p>48500</p>
<p>No NHD Example Currently Available</p>	<p>Levee</p>	<p>An embankment built to prevent flooding or to control or confine the flow of liquids.</p> <p>NHDLLine and NHDArea.</p>	<p>56800</p>
<p>No NHD Example Currently Available.</p>	<p>Shoreline</p>	<p>A naturally occurring line of contact between an inland body of water and the land.</p> <p>NHDFlowline</p>	<p>56700</p>